AMENDMENT TRANSMITTAL LETTER (Large Entity) Applicant(s): Wei Pan, Yoshi Ono, David R. Evans and Sheng Teng Hsu Serial No O9/819,295 March 27, 2001 Invention: Multi-Layered Barrier Metal Thin Films for Cu Interconnect By ALCVD TO THE COMMISSIONER FOR PATENTS: Transmitted herewith is an amendment in the above identified application. The fee has been calculated and is transmitted as shown below. CLAIMS AS AMENDED CLAIMS AS AMENDED CLAIMS AS AMENDED CLAIMS AS AMENDED CLAIMS PRESENT ATTER AMENDMENT TOTAL CLAIMS 17 - 20 = 0 0 x \$18.00 \$0.00 NDEP. CLAIMS 3 - 3 = 0 0 x \$84.00 \$0.00 NDEP. CLAIMS TOTAL ADDITIONAL FEE FOR THIS AMENDMENT SO.00 Multiple Dependent Claims (check if applicable) TOTAL ADDITIONAL FEE FOR THIS AMENDMENT Please charge Deposit Account No. 19-1457 in the amount of \$0.00. A duplicate copy of this sheet is enclosed. A check in the amount of to cover the filling fee is enclosed. The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit fly overpayment to Deposit Account No. 19-1457. Aduplicate copy of this sheet is enclosed. X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit fly overpayment to Deposit Account No. 19-1457. Adupticate copy of this sheet is enclosed. X Any additional fees required under 37 C.F.R. 1.16. A Check in the amount of the condition of the condit												
Invention: Multi-Layered Barrier Metal Thin Films for Cu Interconnect By ALCVD	Applicant(s): Wei Pan, Yoshi Ono, David R. Evans and Sheng Teng											
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Petition for Extension of Time under 37 C.F.R. § 1.136 (Duplicate Attached) 2 page	Please charge Deposit Account No. 19-1457 in the amount of \$0.00. A duplicate copy of this sheet is enclosed. A check in the amount of to cover the filing fee is enclosed. TECHNOLOGY CENTER 2800 A check in the amount of to cover the filing fee is enclosed. The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No 19-1457. Aduplicate copy of this/sheet is enclosed. X Any additional fees required under 37 C.F.R. 1.16. X Any placent application processing fees under 37 C.F.R. 1.17. Dated: OCTOBER 7, 2002 Reyid C. Ripma, Reg. No. 27,672 I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office under 37 C.F.R. §1.8 at Fax No. (703) 872-9318 on October 7, 2002. Note: Each paper must have its own certificate or transmission, or this certificate must identify each submitted paper. The papers submitted include: X This Amendment Transmittal Letter (Duplicate Attached) 2 page(s) Response under 37 CFR § 1.111											

SHARP PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	PATENT APPLICATION	
Inventors:	Wei Pan, Yoshi Ono, David R. Evans and Sheng Teng Hsu))))	Attorney Docket No. SLA0515	6/a FJONES 10-23-02
Serial No.:	09/819,296)	October 7, 2002	10-23-02
Filed:	March 27, 2001)	C	
en)	Group Art Unit 2811	
Title:	MULTI-LAYERED)		
	BARRIER METAL)		Examiner: Vu, Hung K.	
	THIN FILMS FOR Cu)	· -	
	INTERCONNECT)		
	BY ALCVD			

FAX: 13608178505

RESPONSE UNDER 37 C.F.R. § 1.111

Hon. Commissioner for Patents Washington, D.C. 20231

Sir:

In response to an Office Action dated June 5, 2002, please amend the above-identified application as follows.

In the Claims:

Please cancel claims 1-7 and 11.

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OCT 0 7 2002

Please amend claims 8, 10, 12 and 14.

Please add new claims 21-25 as follows.

TECHNOLOGY CENTER 2800

A clean version of the amended claims is shown on the following sheet(s), and a marked-up version, showing the changes made, is being submitted as Appendix A to this Amendment, pursuant to the amendment practice as specified in 37 C.F.R. section 1.121. Appendix B to this Amendment includes a copy of each currently pending claim in the application, including claims newly added and amended by this Response.

SI.A0515 Amendment 1 AmSLA0515